



Chris Doyle Jones, PE, BCEE, NFSPE

Professional History

Education

Bachelor of Science,
1990, Civil Engineering,
Mississippi State
University

Master of Science,
1996, Civil Engineering,
Mississippi State
University

Registrations

Professional Engineer:
Mississippi 13175
Florida 61492

Associations

Mississippi Engineering
Society

National Society of
Professional Engineers
Fellow

American Academy
of Environmental
Engineers Board Certified
Environment Engineer

American Water Works
Association

American Society of Civil
Engineers



Mr. Jones joined Neel-Schaffer in 1994 with four years experience in environmental engineering. Prior to joining Neel-Schaffer, he worked as a Project Engineer with a nationally recognized environmental engineering firm. Mr. Jones' responsibilities include engineering design, specifications and technical assistance to both industrial and municipal clients; and coordination of construction projects. He has conducted numerous environmental site assessments and stormwater studies for various industries. Mr.

Jones has also been responsible for the design and coordination of various water and sewer line projects in north Mississippi. He has been involved with remediation design of underground storage tank and oil / water separator removal. Since joining the firm, Mr. Jones has conducted water and sewer rate studies for the city of Jackson and the Pearl River Valley Water Supply District; as well as for several other entities. He has been involved with the city of Jackson's annual water and sewer rate study since 1991. These studies included evaluation of the city's rate structure in accordance with existing covenants of the revenue bonds; determination of adequacy of the rates to support debt service payments; operations and maintenance of the system; discretionary allocations and miscellaneous capital outlays; and evaluation of water loss within the system. Responsibilities included forecasting of debt service, consumption and revenues, as well as developing support for possible bond issuance.

Mr. Jones has supervised the firm's GIS operations in Jackson. This included serving as project manager for several GIS projects for Hinds and Madison Counties. The Hinds County GIS project includes base mapping, planimetrics, emergency response module development and system integration.

Related Experience

- ◆ **Project Engineer** – Lost/Found Rabbit Wastewater Study – Madison, MS – Development of an interim wastewater treatment solution for Lost and Found Rabbit Developments. Services include development of treatment system concepts, preparation of conceptual cost estimates, and close coordination with MDEQ regarding selection of the most economical and feasible alternative.
- ◆ **Project Engineer** – Newton 2004 NPDES Permit Renewal – Newton, MS – Assisted with reapplication for NPDES permit.

- ◆ **Project Engineer** – McComb Wastewater Facilities Plan – McComb, MS – Development of a wastewater facilities plan that addresses the need for upgrading the existing lagoon treatment system to a mechanical treatment plant.
- ◆ **Project Engineer** – City of Madison Annexation Assistance – Madison, MS – Professional engineering services in support of litigation concerning annexation. Services included inventories of current infrastructure, planned additions, valuation of existing utilities, etc.
- ◆ **Project Engineer** – J.H. Fewell Water Treatment Plant Renovations – Jackson, MS – Design of renovations to water treatment components including closure of the 40% treatment train; repair of filter and sedimentation basins; separation of storm water from filter backwash; new equalization basin, repair of filter valves, clearwell columns and sluice gates; addition of chlorine dioxide feed system, potassium permanganate feed system, powdered activated carbon feed system, scrubber; and upgrade of plant SCADA system.
- ◆ **Project Manager** – Water/Wastewater Master Plan Update – City of Jackson, MS – Included projection of future demand, evaluation of groundwater and surface water sources, evaluation of existing facilities, recommendation of capital improvements and long term financial analysis.





Education

Bachelor of Science
in Management, 2006
Belhaven University

Emergency Management Institute

Mitigation Planning
Workshop for Local
Government (G318)

Debris Management
Planning (E202)

Benefit Cost Analysis
(E-0276)

Unified Hazard Mitigation
Assistance Application
Development (L242)

Training Workshops

Climate Adaptation for
Coastal Communities -
NOAA Coastal Services
Center

Rebecca Boone

Professional History



Rebecca Boone, manager of the Planning Resource Department at Neel-Schaffer, has assisted the City of McComb, Pike County and other jurisdictions within the county with planning and grant administration. Ms. Boone's knowledge of the impact natural hazards can have on a community will provide valuable hazard mitigation planning strategies to eliminate/reduce future impacts to vulnerable areas. Among Ms. Boone's strengths are organization, an understanding of current and future needs of clients and end-users, the ability to work within budget constraints and communication skills.

Related Experience

- ◆ **City of McComb Pre-Disaster Mitigation (PDM) Grant Development**, August 2013 to October 2014: Ms. Boone is assisting the McComb Fire Department in developing two PDM grant applications and Benefit Cost Analysis (BCA) for wind-retrofit mitigation measures for Fire Stations 3 and 4.
- ◆ **Pike County Hazard Mitigation Grant Program (HMGP) Grant Administration**, March 2010 to Present: Ms. Boone serves as the county's Authorized Representative for projects funded through the HMGP program. Services provided include development of eligible grant applications and BCA reports; preparation of required documents such as contracts, board minutes, contractor selection, etc.; filing quarterly reports that document activities and projections for accomplishments over the next reporting period; preparation of reimbursement requests; administration of the Davis Bacon Act; and development of FEMA 361 safe room maintenance and operation plans. Projects include Pike County FEMA 361 Safe Room, Pike County Generator Program, Magnolia Generator Program and City of McComb Fire Stations 3 and 4 Wind-Retrofit Projects.
- ◆ **Southwest Mississippi Community College Master Plan**, July 2012 to Present: Ms. Boone assisted with the development of a master plan designed to fit the unique needs of SWCC. She led focus groups to discuss existing and future needs regarding course curricula, housing, recreation and outdoor learning centers. Discussions led by Ms. Boone provided the planning team with valuable information on what changes users, i.e., students, faculty/staff and community leaders, desired to see implemented.
- ◆ **Hazard Mitigation Planning**, 2006 to Present: Ms. Boone has assisted numerous local jurisdictions with the development and/or update of Hazard Mitigation Plans in accordance to FEMA's CFR 44 - §201.6. In general, these plans analyze how natural hazards impact a planning area so that mitigation strategies can be developed to eliminate or reduce future impacts. Local plans developed by Ms. Boone include the following: Cities of Gulfport and Biloxi, Mississippi; Counties of Jackson and Jones, Mississippi; City of Mesquite Texas; and Pearl River, Itawamba and Mississippi Delta Community Colleges.

Keith Lott, CWO, CPCO

Professional History



Mr. Lott has over 30 years experience as an engineering technician. He has worked as a surveyor, inspector and draftsman on a wide variety of civil, transportation and environmental engineering projects. Mr. Lott has considerable experience as a resident project representative on construction projects for streets, traffic, storm and sanitary sewer projects. In this capacity, he ensures conformance with approved plans and specifications and collects samples for routine field and laboratory tests of construction materials. He has extensive experience with Federal Aid projects and has worked closely with MDOT construction staff. As a result, he is familiar with MDOT policies and procedures for construction.

Related Experience

- ♦ **Client Manager for Great Southern Elevated Water Storage Tank Rehabilitation** - City of Magnolia, MS - Provided construction administration services for the rehabilitation of a 300,000 gallon multi-legged steel elevated water storage tank. Project included sandblasting and repainting all exterior and interior steel surfaces, new logo, rehabilitation/replacing altitude valve, plug valve and flap valve, rehabilitation to the tank well house building structure.
- ♦ **Client Manager for Croft Elevated Water Storage Tank Rehabilitation** - City of Magnolia, MS - Performed construction administration services for the rehabilitation of a 500,000 gallon multi-legged steel elevated water storage tank. The project included sandblasting and repainting all exterior and interior steel surfaces.
- ♦ **Client Manager for Water/Wastewater System Improvements** for the City of McComb, MS - Project involved a new 1,000 GPM well, new controls and auxiliary generators for the wells and treatment plant. Cleaning, repairing, and repainting of two ground reservoirs and three elevated storage tanks. A new 300,000 gallon elevated storage tank. A hydraulic model of the water distribution system, analysis of needs for improvements and an engineering report. Rehabilitation of 15,000 feet of existing sewers including point repairs, lining, and replacement to reduce infiltration problems.
- ♦ **Water/Sewer Improvements** for the City of McComb, MS - Recent projects include the West Interceptor Sewer, East Interceptor Sewer, existing sewer rehabilitation, expansion of waste/sewer utilities in newly annexed areas, new water supply well, new elevated water storage tank and hydraulic modeling of a portion of the distribution system.



Certification

Certified Water Operator,
Class "C"

Certified Pollutions
Control Operator, Level II



KENDIG KEAST
COLLABORATIVE



- ◆ **Client Manager for Wastewater Treatment Facility, McComb, MS -** This project involved design and construction engineering for a new, 5 MGD activated sludge wastewater treatment facility to replace existing treatment facilities. Major components included an influent pump station with three open screw pumps, Parshall flumes to measure influent/effluent flows, grit removal, aeration, clarification, UV disinfection, solids handling and a sludge lagoon system, together with a building to house administrative and operational activities.
- ◆ **Client Manager for Douglas Park Elevated Water Storage Tank- City of McComb, MS -** Performed construction administration services for the construction of 1 MG composite steel/concrete elevated water storage. Project included designs for electrical controls, SCADA system, new large diameter water main, valves, site grading and fencing.
- ◆ **Client Manager - City of McComb - McComb East Interceptor Upgrade, Phase 2 -** McComb, MS - Reconstruction project to replace approximately 5,500 linear feet of the aging interceptor due to additional flows from the adjacent basin and to accommodate additional flow from the town of Summit pump station to aid in the regionalization of the area. Existing 8-inch and 15-inch diameter sewer line will be replaced with 12-inch, 15-inch and 18-inch diameter sewer line.

